

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, civilian workers, 2014^P

Characteristic	Total fatal injuries ¹	Total hours worked ² (millions)	Fatal injury rate ³
Total	4,679	272,663	3.3
Employee Status			
Wage and salary workers ⁴	3,632	256,901	2.7
Self-employed ⁵	1,047	15,956	13.0
Gender			
Men	4,320	154,791	5.4
Women	359	118,054	0.6
Age			
18 to 19 years	41	3,832	2.0
20 to 24 years	289	23,070	2.3
25 to 34 years	742	61,437	2.3
35 to 44 years	838	60,683	2.7
45 to 54 years	1,127	64,164	3.5
55 to 64 years	965	45,965	4.1
65 years and over	656	12,294	10.2
Race or ethnic origin⁶			
White (non-Hispanic)	3,174	179,238	3.4
Black or African-American (non-Hispanic)	457	29,011	3.0
Asian (non-Hispanic)	134	15,729	1.7
Hispanic or Latino	789	43,371	3.6
Occupation⁷			
Civilian Occupations			
Management, professional, and related occupations	684	108,678	1.2
Management, business, and financial operations occupations	452	48,006	1.9
Management occupations	427	34,336	2.5
Farmers, ranchers, and other agricultural managers	263	2,003	26.0
Construction managers	15	1,512	2.0
Food service managers	21	2,400	1.8
Property, real estate, and community association managers	19	1,231	3.1
Business and financial operations occupations	25	13,672	0.4
Professional and related occupations	232	60,781	0.7
Computer and mathematical occupations	16	8,556	0.4
Architecture and engineering occupations	33	5,735	1.2
Life, physical, and social science occupations	18	2,625	1.3
Community and social service occupations	31	4,622	1.0
Education, training, and library occupations	27	14,491	0.4
Arts, design, entertainment, sports, and media occupations	47	5,051	1.6
Athletes, coaches, umpires, and related workers	19	426	7.5
Healthcare practitioners and technical occupations	53	15,975	0.7
Service occupations	584	43,061	2.6
Protective service occupations	211	6,272	6.0
Police and sheriff's patrol officers	96	1,437	13.4
Security guards and gaming surveillance officers	40	1,660	4.7
Food preparation and serving related occupations	53	12,515	0.8
First-line supervisors of food preparation and serving workers	18	1,021	3.5
Building and grounds cleaning and maintenance occupations	245	9,709	5.0
First-line supervisors of landscaping, lawn service, and groundskeeping workers	32	403	15.9
Janitors and building cleaners	47	3,942	2.4

See footnotes at end of table.

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, civilian workers, 2014^P - continued

Characteristic	Total fatal injuries ¹	Total hours worked ² (millions)	Fatal injury rate ³
Grounds maintenance workers	153	2,374	12.6
Personal care and service occupations	61	8,651	1.3
Sales and office occupations	332	59,874	1.1
Sales and related occupations	234	29,731	1.6
First-line supervisors of retail sales workers	88	6,800	2.6
First-line supervisors of non-retail sales workers	32	2,580	2.5
Cashiers	35	4,561	1.5
Retail salespersons	37	5,483	1.3
Office and administrative support occupations	98	31,516	0.6
Natural resources, construction, and maintenance occupations	1,529	26,762	11.3
Farming, fishing, and forestry occupations	253	2,027	24.1
Miscellaneous agricultural workers	141	1,480	18.2
Fishers and related fishing workers	22	52	80.8
Logging workers	77	137	109.5
Construction and extraction occupations	885	14,800	11.8
First-line supervisors of construction trades and extraction workers	130	1,450	17.9
Carpenters	58	2,173	5.2
Construction laborers	206	2,410	16.8
Operating engineers and other construction equipment operators	28	745	7.5
Electricians	78	1,502	10.3
Painters, construction and maintenance	44	851	10.3
Pipelayers, plumbers, pipefitters, and steamfitters	30	1,035	5.8
Roofers	81	346	46.2
Structural iron and steel workers	15	119	25.2
Other extraction workers	22	81	51.9
Installation, maintenance, and repair occupations	391	9,913	7.8
First-line supervisors of mechanics, installers, and repairers	37	618	12.0
Automotive service technicians and mechanics	30	1,770	3.4
Bus and truck mechanics and diesel engine specialists	30	688	8.4
Heating, air conditioning, and refrigeration mechanics and installers	25	764	6.3
Industrial machinery installation, repair, and maintenance workers	43	1,142	7.5
Maintenance and repairs workers, general	67	929	14.2
Electrical power-line installers and repairers	25	260	19.2
Telecommunications line installers and repairers	18	380	9.5
Production, transportation, and material moving occupations	1,495	34,242	8.7
Production occupations	206	16,893	2.4
First-line supervisors of production and operating workers	22	1,717	2.6
Welding, soldering, and brazing workers	36	1,295	5.6
Transportation and material moving occupations	1,289	17,379	14.7
Aircraft pilots and flight engineers	81	250	63.2
Driver/sales workers and truck drivers	835	7,123	23.4
Taxi drivers and chauffeurs	63	722	17.2
Industrial truck and tractor operators	37	1,137	6.3
Laborers and freight, stock, and material movers, hand	86	3,322	5.1
Refuse and recyclable material collectors	27	151	35.8
Industry⁸			
Private industry	4,251	235,888	3.6
Goods producing	1,964	56,019	6.9
Natural resources and mining⁹	749	7,021	20.9
Agriculture, forestry, fishing and hunting	568	4,460	24.9
Crop production	248	2,201	22.2
Animal production and aquaculture	156	1,657	18.1
Logging	89	180	96.7
Fishing, hunting, and trapping	25	70	68.6

See footnotes at end of table.

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, civilian workers, 2014^P - continued

Characteristic	Total fatal injuries ¹	Total hours worked ² (millions)	Fatal injury rate ³
Support activities for agriculture and forestry	43	308	27.9
Mining, quarrying, and oil and gas extraction⁹	181	2,561	14.1
Oil and gas extraction	18	231	15.6
Mining (except oil and gas)	38	467	15.8
Nonmetallic mineral mining and quarrying	19	170	22.4
Support activities for mining	125	1,842	13.6
Construction	874	18,168	9.5
Manufacturing	341	30,830	2.2
Food manufacturing	54	3,398	3.2
Animal slaughtering and processing	19	996	3.8
Wood product manufacturing	41	377	21.8
Chemical manufacturing	27	2,752	2.0
Plastics and rubber products manufacturing	15	979	3.1
Nonmetallic mineral product manufacturing	39	857	9.1
Cement, concrete, lime, and gypsum product manufacturing	30	312	19.2
Primary metal manufacturing	28	1,093	5.1
Fabricated metal product manufacturing	32	2,315	2.8
Machinery manufacturing	23	2,724	1.7
Transportation equipment manufacturing	32	4,765	1.3
Service providing	2,287	179,797	2.5
Trade, transportation, and utilities	1,198	49,281	4.8
Wholesale trade	179	7,430	4.8
Merchant wholesalers, durable goods	99	2,798	7.1
Machinery, equipment, and supplies, merchant wholesalers	24	817	5.9
Recyclable material merchant wholesalers	23	221	20.8
Merchant wholesalers, nondurable goods	78	3,676	4.2
Retail trade	267	28,997	1.8
Motor vehicle and parts dealers	45	3,963	2.3
Automobile dealers	23	2,690	1.7
Auto parts, accessories, and tire stores	19	1,023	3.7
Building material and garden equipment and supplies dealers	27	2,677	1.9
Food and beverage stores	68	5,499	2.5
Grocery stores	51	4,731	2.2
Gasoline stations	29	943	6.2
Miscellaneous store retailers	23	1,883	2.3
Nonstore retailers	16	1,118	2.9
Transportation and warehousing	735	10,897	13.5
Air transportation	35	949	7.4
Truck transportation	477	4,208	22.7
Transit and ground passenger transportation	66	1,202	11.0
Taxi and limousine service	53	599	17.7
Support activities for transportation	79	1,426	11.1
Couriers and messengers	36	1,360	5.3
Warehousing and storage	16	909	3.5
Utilities	17	1,957	1.7
Information	32	5,759	1.1
Financial activities	114	18,852	1.2
Finance and insurance	29	13,635	0.4
Real estate and rental and leasing	85	5,236	3.2
Real estate	56	4,563	2.5
Rental and leasing services	29	673	8.6
Professional and business services	418	31,497	2.6
Professional, scientific, and technical services	78	19,780	0.8
Architectural, engineering and related services	30	2,826	2.1

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Characteristic	Total fatal injuries ¹	Total hours worked ² (millions)	Fatal injury rate ³
Management, administrative, and waste services	340	11,722	5.7
Employment services	39	1,692	4.6
Investigation and security services	27	1,400	3.9
Services to buildings and dwellings (except landscaping services)	38	2,401	3.2
Landscaping services	159	2,406	13.0
Waste management and remediation services	54	989	10.7
Educational and health services	144	40,633	0.7
Educational services	37	7,843	0.9
Health care and social assistance	107	32,763	0.6
Ambulatory health care services	41	12,691	0.6
Hospitals	18	11,106	0.3
Social assistance	33	4,468	1.3
Leisure and hospitality	207	21,334	1.9
Arts, entertainment, and recreation	78	4,418	3.3
Performing arts, spectator sports, and related industries	31	1,313	4.4
Amusement, gambling, and recreation industries (except bowling centers)	39	2,797	2.6
Accommodation and food services	129	16,929	1.5
Accommodation	27	2,749	2.0
Traveler accommodation	18	2,591	1.4
Food services and drinking places	102	14,172	1.4
Restaurants and other food services	81	13,754	1.2
Drinking places (alcoholic beverages)	21	427	9.4
Other services (except public administration)	174	12,440	2.6
Repair and maintenance	105	4,008	5.2
Automotive repair and maintenance (except car washes)	65	2,453	5.3
Personal and laundry services	28	3,954	1.4
Religious, grantmaking, civic, professional, and similar organizations	39	3,341	1.5
Government¹⁰	428	36,860	1.9
Federal government	92	6,598	1.1
State government	70	11,397	1.2
Local government	265	18,882	2.6

¹ Workers under the age of 16 years, volunteer workers, and members of the resident military are not included in rate calculations to maintain consistency with the Current Population Survey (CPS) employment. The total fatal injuries column represents total published fatal injuries before the exclusions.

² The total hours worked figures are annual average estimates of total at work multiplied by average hours for civilians, 16 years of age and older, from the CPS, 2014.

³ The rate represents the number of fatal occupational injuries per 100,000 full-time equivalent workers and was calculated as: (N/EH) x 200,000,000 where

N = the number of fatal work injuries

EH = total hours worked by all employees during the calendar year

200,000,000 = base for 100,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

⁴ May include volunteers and workers receiving other types of compensation.

⁵ Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.

⁶ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos.

⁷ Occupation data are based on the Standard Occupational Classification (SOC) system, 2010.

⁸ Industry data are based on the North American Industry Classification System (NAICS), 2012.

⁹ Includes fatal injuries at all establishments categorized as Mining, Quarrying, and Oil and Gas Extraction (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

¹⁰ Includes fatal injuries to workers employed by governmental organizations regardless of industry.

^PData for 2014 are preliminary. Revised and final 2014 data are scheduled to be released in spring 2016.

Note: Selected rate categories had 15 or more reported fatal work injuries in 2014 and 40 million or more work hours (20,000 full-time equivalent employees). Rates produced in prior years may not appear if they do not meet this threshold in 2014. Totals for major categories may include subcategories not shown separately. Figures may not add to totals because of rounding. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Bureau of Labor Statistics, U.S. Department of Labor, Current Population Survey, Census of Fatal Occupational Injuries, 2015.